



**MARKED-UP COPY OF CLAIMS OF PCT APPLICATION
NO. PCT/PL2004/000089 AMENDED DURING
THE INTERNATIONAL EXAMINATION**

1. (currently amended) ~~[[The]]~~ A fastening pin~~[[,]]~~ especially for
attaching ~~fixing~~ fixtures to ~~[[in]]~~ floors, walls, ~~[[etc.,]]~~ or similar
objects, by ~~inserting it~~ insertion into a pre-drilled hole, prepared holes,
comprising a shank and flexible protrusions attached to the shank,
whereby is distinctive by it's equipment with elastic protrusions /2/,
profitably in shape of convergent geometric figures, located round core, and
the flexible protrusions have an external dimension of protrusions /2/ is being
greater than a diameter of the pre-drilled hole into which the fastening pin will
be inserted and the shank has a portion with the protrusions and a portion
without protrusions, whereby the portion with the protrusions is homogenous
characterized in that the protrusions (2) are tapered towards their tips and
circumferentially distributed along the longitudinal axis of the shank and the
protrusion axis of the symmetry is situated in the plane of the symmetry of the
shank. ~~the hole's dimension.~~

2. (currently amended) The fastening pin according to claim 1 ~~reservation 1~~,
characterised in that the protrusions (2) are inclined at a slight angle to a longitudinal axis of the fastening pin and facing is distinctive by this that protrusions /2/ are located under acute angle to pin's axis, towards [[it's]] its head.
3. (currently amended) The fastening pin according to claims 1 ~~reservation 1~~,
~~is distinctive by this that protrusions /2/ have shape of truncated pyramid with rectangle base.~~ characterised in that the protrusions (2) are in the form of a narrow truncated pyramid with a rectangular base referred to as spade-shaped.
4. (currently amended) The fastening pin according to claim 1 ~~reservation 1~~,
~~is distinctive by this that protrusions /2/ have differential~~ characterised in that the protrusions (2) have a variable cross-section area.
5. (currently amended) The fastening pin according to claim 1 ~~reservation 1~~,
characterised in that the protrusions (2) ~~is distinctive by this that protrusions /2/ have unequal height.~~

6. (currently amended) The fastening pin according to claim 5~~reservation 5~~, is distinctive by this that ~~different height of protrusions /2/ appears on the core's circumference.~~ characterised in that the protrusions (2) of a different height are attached to the shank at different points along the axis of a longitudinal axis of the fastening pin and around a cross-section at a particular point.

7. (currently amended) The fastening pin according to claim 5~~reservation 5~~, is distinctive by this that ~~the height of protrusions /2/ is different along the pin's core.~~ characterised in that the height of the protrusions (2) differ along the pin's longitudinal axis.

8. (currently amended) The fastening pin according to claim 1 ~~reservation 1~~, is distinctive by this that ~~protrusions /2/ are made of another material than the pin /1/ core's~~ characterised in that protrusions (2) may be manufactured from a material different from a fastening pin's (1) core material.

9. (currently amended) The fastening pin according to claim 8 ~~reservation 8~~, is distinctive by this that ~~protrusions /2/ have shape of bars, profitably steel made.~~ characterised in that the protrusions (2) are in the form of bars, preferably made of steel.

10. (currently amended) ~~[[The]]~~ A fastening pin, especially for threshold masking strips, including head located in channel on the bottom part of strip and mandrel anchored in foundation, is distinctive by this that it has the joint /6/ between anchored part and head /4/. for attaching threshold cover strips to floors, walls, or similar objects, by insertion into a pre-drilled hole, comprising a shank, flexible protrusions attached to the shank, and a head located in a channel of the threshold cover strip characterised in that the shank is provided with a flexing neck joint (6) located between the shank and the head (4).

11. (currently amended) The fastening pin according to reservation claim 10, ~~is distinctive by this that the joint /6/ has a shape of cross-section narrowing.~~ characterized in that flexing neck joint (6) has a constriction on part of the neck.

12. (currently amended) The fastening pin according to reservation claim 11, ~~is distinctive by this~~ characterized in that the narrowing of cross-

section may be in the form ~~has shape~~ of a circumferential groove ~~[[/9/]]~~ (9) on the ~~mandrel~~ ~~/7/~~ neck (7) .

13. (currently amended) The fastening pin according to ~~reservation~~ claim 11, ~~is distinctive by this~~ characterised in that the narrowing of cross-section may be in the form ~~has a shape~~ of grooves (10) ~~[[/10/]]~~, ~~profitably~~ preferably radial and perpendicular to the pin's longitudinal axis.

14. (currently amended) The fastening pin according to ~~reservation~~ claim 11, ~~is distinctive by this~~ characterised in that grooves ~~[[/10/]]~~ (10) ~~shifted each other along the pin axis~~ may be formed at any chosen point on the neck.

15. (currently amended) The fastening pin according to ~~reservation~~ claim 10, is ~~distinctive by this~~ characterised in that the joint is ~~in a shape of broken~~ neck may be in the form of a bent flat bar ~~[[/11/]]~~ (11) ~~and profitably on it's flexures~~ it has radial grooves ~~/10/~~ possibly with thinnings at the extremities of the bends to allow a spring effect at a specific point (10).

16. (currently amended) The fastening pin according to claim 10 ~~reservation~~
~~10, is distinctive by this~~ characterised in that the joint ~~[[/6/]] (6) [[is]]~~ may be
made of a material more elastic than the material constituting ~~[[of]]~~ the core.

17. (currently amended) The fastening pin according to ~~reservation~~ claim 10,
characterised in ~~is distinctive by this~~ that the joint ~~[[/6/]] (6)~~ has a shape of
takes the form of a hinge.

18. (currently amended) The fastening pin ~~especially for fixing in~~ for
attaching fixtures to floors, walls, [[etc.]], or similar objects, by
~~inserting it into prepared holes~~ insertion into a pre-drilled hole, comprising a
shank, a head attached to an upper end of the shank and flexible protrusions
attached to the shank, characterised in that the flexible protrusions (2) are
spade-shaped and molded round the shank for 2/3 of a length of the shank
from its lower end and to part of the shank near the head (4) are attached
splines fins (16) tapering towards the lower end of the shank.

~~is distinctive by it's equipment with elastic protrusions /2/, profitably in shape~~
~~of convergent geometric figures located round the core for 2/3 of a pin's length~~
~~from it's end, but the part of the pin near the head /4/ is equipped with~~
~~stabilizing fins /16/, profitably in a trapezoid profile, that create splines.~~

19. (currently amended) The fastening pin according to ~~reservation~~ claim 18, ~~is distinctive by this~~ characterised in that the fins ~~[[/16/]]~~ (16) are located ~~symmetrical round the pin~~ symmetrically round the pin's longitudinal axis.

20. (currently amended) The fastening pin according to ~~reservation~~ claim 18, is ~~distinctive by this~~ characterised in that fins ~~[[/16/]]~~ (16) have a small convergence slight tapering towards the inner pin end.

21. (currently amended) The fastening pin according to ~~reservation~~ claim 18, ~~is distinctive by this~~ characterised in that the ~~core~~ shank ~~is provided~~ of pin ~~is equipped with the joint~~ with a neck (6) ~~[[/6/]]~~ located between the fins ~~[[/16/]]~~ (16) and the head ~~[[/4/]]~~ (4).